



Implementation of e-learning activities at ITC

LAY Heng Director of e-Learning Center

BOU Channa eLearning staff

Institute of Technology of Cambodia (ITC)

Department of Information and Communication Engineering

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Introduction to e-Learning Center of ITC

- → ASEAN Cyber University (ACU) project was proposed by South Korea-ASEAN Summit 2009.
- → At the first stage, the project is designed to help the CLMV (Cambodia, Laos, Myanmar and Vietnam)
- → ITC was mandated by the Ministry of Education, Youth and Sport (MoEYS) of Cambodia to implement the ACU Project
- → In 2011, ITC was selected by the selection committee from Korea for setting up ASEAN Cyber University (ACU)
- → In June 2012, ITC's e-Learning Center was established
 - Multimedia studio room
 - Content development room
 - Operation room

Our story (stage 1)

We start from scratch

2012 - Start Stage 1

Pilot the e-learning model 2 Courses for 1 Department, 7 Skill Persons

2014 - Expand to other departments

8 Courses for 3 Departments, 20 Skill Persons

2013 - Growth

5 Courses for 2 Departments,14 Skill Persons

2015 - Expand to whole ITC

13 Courses for 8 Departments 40+ Skill Persons (including NIPTICT)

Our story (stage 2)

Moving forward

2016 - Start Stage 2

18 Courses

Expand to 2 public universities,

ITC-OER Starts

2018 - Expand to more partners

ITC: 27 Courses (3 partners)

UNESCO: 11 Courses

CIRAD & RUA: 9 Courses

PIC: 2 Courses

HUB Center of Course Operation

Expand to UBB and MCU

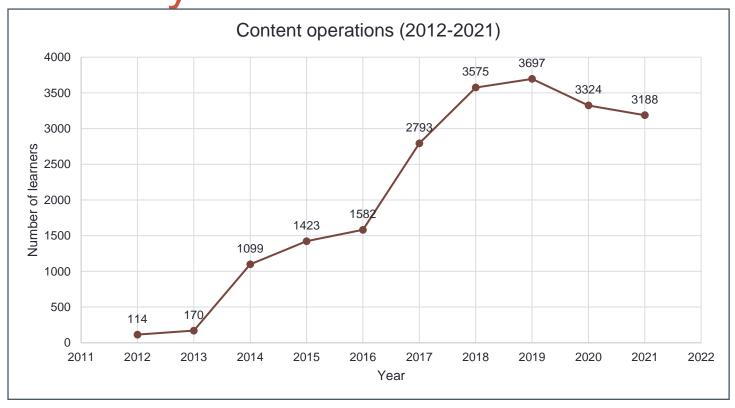
2017 - Expand to more universities

Increase to 23 courses, Expand to 3 public universities ITC-OER Policy to MoEYS

2019 - Sustainability

Continue development WB
Digital Education Center
STEM Teacher Training Center
UNESCO-BEEP Phase II

Our story



3188 Learners
/5264 60.56% of ITC students

28 Courses operation

27 Instructors

Not including partners contents

HOW WE OPERATE E-LEARNING?

How do we operate e-learning at ITC?

How Do We

Operate

e-learning at ITC?



E-Learning Course Session

- E-learning completion = attendance + score
- Flipped classroom method
 - Theory in e-learning Course
 - Learning activities and toolkits
- Some computer lab is reserved for e-learning
 - You can learn anywhere by yourself

(*** Practice Session stays the same.)

Final exam

E-Learning course lesson + TP lesson

♥ Offline final exam with the school



HOW WE SUPPORT STUDENTS?

Our human resources involved in e-learning operation

Our team are waiting to help.

- Instructor
 - Wrap Up session (summary + Q&A)
 - Learning activities every 2 or 3 week
 - Assignment online
- Teacher Assistant
 - Guide you about e-learning
 - Answer your questions
 - Consult your problems
- LMS Administrator and technical support
 - Explain the usage of LMS system
 - Solve problems

(Mon-Fri 7am - 5pm) **B220**

Support policy of e-learning model at ITC

A policy set is a key success for driving e-Learning model in HE

School Support Policy

1

Support flipped and blended learning,

Encourage online course operation

Policy from Department

2

All departments are encouraged their lecturers / professors to develop online courses

Support policy from eLearning Center, ITC

3

Support development and technical skills Incentive for course development and operation

Development partners

Partners are welcome





























United Nations Educational, Scientific and Cultural Organization





Learning Management System (LMS)

Based on Moodle

moodle.itc.edu.kh



3 types of eLearning contents:

- -SCORM content
- -HTML5 content
- -Video content

Engineering



Sample contents of ITC

Food Biotechnology



Environmental Science



The Plumbing



Soil Mechanics



Internal Combustion Engine The...









Host Agroecological contents from RUA partner





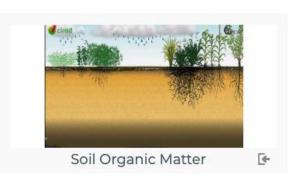














Local capacity building training

Content development

Basic Training on Content Development 2015 - 2019





September 9th - 10th, 2019

26 Trainees

14 Institutions (including DIT/MoEYS)

e-Learning workshop and working group meeting (2015 - 2018)

Promote e-learning in Higher Education in Cambodia

November 16th, 2018

30 Participants

20 Organization



Objective

- To share experiences of keys organizations involved in the operation and development of e-learning
- To figure out the challenge and possible solutions to the co-operation and operation of e-learning

Challenges

- Infrastructure
- Human habit (instructor and student)

UNESCO-BEEP (2018 – 2019)

Implementation of UNESCO Basic Education Equivalency Programme (BEEP)



- Develop online contents (11) for BEEP
- Operate BEEP contents
- Operate of Learning Center for out of school youth in BEEP
- Support training to other Learning Center (13)
- Transfer content operation to DIT/MoEYS in the future

Launching of first BEEP's Learning Center at ITC, February 17th, 2019

BEEP operation

2000+

Online registration (including not targeted)

344 Official registration at LC (13) (pilot)







Entrepreneurship

Basic Employability

Physic







Math 1 Tourism

Chemistry

Support to MoEYS during COVID-19 pandemic

Secondary school content development for grade 12





Consultancy on e-learning development

The way forward

- → World Bank, 2019 2023
 - Convert all ITC courses to online content
 - Improve T&L approach, and improve R&D
 - Support other Higher Education Institute to develop and apply e-learning
- → STEM Teacher Training Center, 2020 2022
 - Work with EMCAST to develop STEM Teacher Training online learning material
 - Work with WBF to operate STEM Teacher Training Center
 - To be STEM Teacher Training in the future
- → Collaboration with RUA and CIRAD to develop agriculture content: host regional content on agriculture





Contact Us

Website: elearning.itc.edu.kh
Facebook: ITC e-Learning Center

layheng.itc@gmail.com
+855 99 631 618
Director of eLearning center, ITC

Russian Federation Blvd. P.O.86, Toul Kok, Phnom Penh, Cambodia.

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